

FIGURE 1 (I)

ATGGCCGCTGCGCCCGGCGGTGCTGCTGCTTGGTGGCCAGTGGCTCTGCGGCGC
 M G A L A R A L L L P L L A Q W I L R A
 CTTGGGAGTTGGCCCCCGGCGCTTCAAGCTGCGCCCTCGGGTGGCGCGGCCACGAC
 A P E L A P A P F T L P L R V A A A T N
 CCGGTAGTTGGCGCCACCCCGGAGCCCGGAGCCCTGGCGAGCCACAGCCGAGCGCTT
 E V V A P T P S P G T P A E R H A D G L
 GCGTCCGCTCGAGCCCTGCGCTGCGCTGCGCCCGGCGCGCCCAACTTCTTGGCCATG
 A L A L E P A L A S P A G A A N F L A M
 GTAGACAACTGCGAGGGGACTCTGGCGCGGCTACTACCTGGAGATGCTGATCGGGACC
 V D N L Q G D S G R G Y Y L E M L I G T
 CCCCCGACAGCTACAGATTCTGCTGACACTGGAGCAGTAACCTTGGCGTGGCAGGA
 P P Q K L Q I L V D T G S S N F A V A G
 ACCCGGCACTCTACATAGACACCTACTTTGACACAGAGAGGTCTAGCACATACCGCTC
 T P H S Y I D T Y F D T E R S S T Y R S
 AAGGCGCTTGACGTCACAGTGAAGTACACACAAGGAGCTGGACGGGCTTCTTGGGGAA
 K G F D V T V K Y T Q G S W T G F V G E
 GACCTCGTACCATCCCAAGGCTTCAATACTTCTTTCTGTAACATTCGCATAT
 D L V T I P K C F H T S F L V N I A T I
 TTGAACTCAGAGATTTCTTTTTCCTGGATTAAATGGAATGGAATACCTGGCCAGCT
 F E S E N F F L P G I K W N G I L G L A
 TATGCCACACTTCCCAAGCCATCAAGTCTCTGAGAGCTTCTTGGACTCCCTGGGACA
 Y A T L A K P S S S L E T F F D S L V T
 CAAGCAACATCCCCAAGCTTTTCTGATGAGATGCTGGAGCCGGCTTGGCCCTTCT
 Q A N I P K V F S M Q H C G A G L P V A
 GGATCTGGGACCAATGGAGGTAGCTTGTCTTGGGTGGAAATGAACCAAGTTGTATAA
 G S G T N G G S L V L G G I E P S L Y K
 GGAGACATCTGCTATACCCCTATTAAAGGAGCTGCTACTACAGATAGAAATTCGAAA
 G D I W Y T P I K E E W Y Y G I E I L K
 TTGGAAATTTGGAGGCCAAAGCTTAACTTGGACTGACAGAGATTAACCGACAAAGGCC
 L E I C G Q S T N L D C R E Y N A D K A
 ATCTGGACAGTGGCACCAGCTGCTGCGCCCTGCCCCAGAGGTCTTTGATCGCGTGGT
 I V D S G T T L L R L P Q K V F D A V V
 GAACTGTGGCCCGCGCATCTCTGATTCAGAAATCTCTGATGGTTTCTGGACTGGGTCC
 E A V A R A S L I P E F S D G F W T G S
 CAGCTGCGCTGCTGGACGAATTCGGAACACCTTGGCTTACTTCCCTAAAAATCTCCATC
 Q L A C W T N S E T P W S Y P P K I S I
 TACCTGASAGATGAGAATCCAGCAGGTCAATCCGTATCACAATCTGCTCAGCTTAC
 Y L A L E N S S R S F R I T I L P Q L Y
 ATTACGCTCATGATGGGGCGGCGCTGAATTATGAATTTACCGATTGGGCAATTTCCCA
 I Q P M M G A G L N Y E C Y R F G I S P
 TCCACAAATGCGCTGCTGATCGCTGCCACGCTGATGGAGGGCTTCTACCTCATCTTCGAC
 S T N A L V I G A T V M E G F Y V I F D
 AAGGCCAGAGAGGTGGGCTTGCAGCGAGCCCTGTGCAGAAATTCAGGTGCTGCA

R A Q K R V G F A A S P C A E I A G A A
GTGTCTGAATAATTCGCGGCTTTCTCAACAGAGGATGTAGCCAGCAACTGTGTCCCGCT
V S E I S G P F S T E D V A S N C V P A
CAGTCTTTGAGCGAGCCATTCTGTGATTTGTCTCATGCGCTCAGCGCTCTGTGGA
Q S L S E S P I L W I V S Y A L M S V C G
GCCATCTCTCTTGTCTTAATCGTCTCTGCTGTCTGCTGCCCTTCGGTGTCAAGCTCGCCCC
A I L L L V G L I V L L L L L P F R C G R R P
CGTGACCTTGAGTCTCAATGATGAGTCTCTCTGGTCAGACATCTCGTGGAAATGAATA
R D P E V V N D E S S L V R H R W K
GCCAGCGCTGACCTCAAGCAACCATGAAGTCAAGCTATTAAGAAAAACACATTTCCAGGCG
AGCAACAGAGATCAATGTGTGCGGCTTCTTCCTGCGCCCAACCGGCTCTCAATCTGTGTCT
GCTCCCGATGCTCTCTAGATCTACTGCTTTTGTATCTTGATTTTCAAGCTTTCGAATTC
CTCCCTACTTCCAGAAAAATTAATTAATAAAAAAACTTCATTCTTAACCAAAAAAA
AAAA

FIGURE 2 (1)

ATGGCCCAAGCCCTGCCCCCTGGCTCCTGCTGTGGATGGGCGCGGGAGTGTGCTGCTGCCAC
M A Q A L P W L L L W M G A G V L P A H
GGCAUCCAGCACGGCATCCGGCTGCCCCCTGCGCAGCGGGCTGGGGGGCGCCCCCTGGGG
G T Q H G I R L P L R S G L G G A P L G
CTGCGGCTGCCCCGGGAGACCGACGAAGAGCCCGAGGAGCCCGGCGGAGGGGCA3CTTT
L R L P R E T D E E P E E P G R R G S F
GTGGAGATGGTGGACAACCTGAGGGGCAAGTCGGGGCAGGGCTACTACGTGGAGATGACC
V E M V D N L R G K S G Q G Y Y V E M T
GTGGGCAGCCCCCGCAGACGCTCAACATCCTGGTGGATACAGGCAGCAGTAACCTTTGCA
V G S P P Q T L N I L V D T G S S N F A
GTGGGTGCTGCCCCCACCCTTCCTGCATCGCTACTACCAGAGGCAGCTGTCCAGCACA
V G A A P H P F L H R Y Y Q R Q L S S T
TACCGGGAUCTCCGGAAGGGTGTGTATGTGCCCTACACCCAGGGCAAGTGGGAAGGGGAG
Y R D L R K G V Y V P Y T Q G K V E G E
CTGGGCACCGACCTGTAAGCATCCCCCATGGCCCCAACGTCACGTGTGCGTGCCAACAT
L G T D L V S I P H G P N V T V R A N I
GCTGCCATCACTGAATCAGACAAGTTCTTCATCAACGGCTCCAACCTGGGAAGGCATCCTG
A A I T E S D K F F I N G S N W E G I L
GGGCTGGCCTATGCTGAGATTGCCAGGCTTTGTGGTGCTGGCTTCCCCCTCAACCACTCT
G L A Y A E I A R L C G A G F P L N Q S
GAAGTGCTGGCCTCTGTGCGAGGGAGCATGATCATGAGGTATCGACCACTCGCTGTAC
E V L A S V G G S M I I G G I D H S L Y
ACAGGCAGTCTCTGGTATACACCCATCCGGCGGGAGTGGTATTATGAGGTGATCATTGTG
T G S L W Y T P I R R E W Y Y E V I I V
CGGGTGGAGATCAATGGACAGGATCTGAAATGGACTGCAAGGAGTACAACATATGACAAG
R V E I N G Q D L K M D C K E Y N Y D K
AGCATTGTGGACAGTGGCACCACCAACCTTCGTTTGGCCCAAGAAAGTGTGTAAGCTGCA
S I V D S G T T N L R L P K K V F E A A
GTCAAATCCATCAAGGCAGCCTCCTCCACGGAGAAGTTCCCTGATGGTTTCTGGCTAGGA
V K S I K A A S S T E K F P D G F W L G
GAGCAGCTGGTGTGCTGGCAAGCAGGCACCAACCCCTTGGAAACATTTCCCACTCATCTCA
E Q L V C W Q A G T T P W N I F P V I S
CTCTACCTAATGGGTGAGGTTACCAACCAAGTCCTTCGCGCATCACCATCCTTCGCGAGCAA
L Y L M G E V T N Q S F R I T I L P Q Q
TACCTGCGGCCAGTGGGAAGATGTGGCCACGTCCCAAGACGACTGTTACAAGTTTGCCATC

FIGURE 2 (2)

Y L R P V E D V A T S Q D D C Y K F A I
TCACAGTTCATCCACGGGCACTGTTATGGGAGCTGTATCATGGAGGCTTCTACGTTGTC
S Q S S T G T V M G A V I M E G F Y V V
TTTGATCGGGCCCCGAAACGAATTGGCTTTGCTGTCAGCGCTTGCCATGTGCACGATGAG
F D R A R K R I G F A V S A C H V H D E
TTCAGGACGGCAGCGGTGAAGGCCCTTTGTCACCTTGGACATGGAAGACTGTGGCTAC
F R T A A V E G P F V T L D M E D C G Y
AACATTCCACAGACAGATGAGTCAACCCCTCATGACCATAGCCTATGTCTATGGCTGCCATC
N I P Q T D E S T L M T I A Y V M A A I
TGCGCCCTCTTCATGCTGCCACTCTGCCTCATGCTGTGTGTCAGTGGCGGTGCCCTCCGCTGC
C A L F M L P L C L M V C Q W R C L R C
CTGCGCCAGCAGCATGATGACTTTGCTGATGACATCTCCCTGCTGAAGTGAGGAGGCCCA
L R Q Q H D D F A D D I S L L K
TGGGCAGAAGATAGAGATTCCCTTGGACCCACACCTCCGTGGTTCACTTTGGTCACAAGTA
GGAGACACAGATGGCACCTGTGGCCAGAGCACCTCAGGACCCCTCCCCACCCCAAAATGC
CTCTGCCCTTGATGGAGAAGGAAAAGGCTGGCAAGGTGGGTTCCAGGGACTGTACCTGTAG
GAAACAGAAAAGAGAAGAAAGAAAGCACTCTGCTGGCGGGAATACTCTTGGTCACCTCAAA
TTTAAGTCGGGAAATTCTGCTGCTTGAAACTTCAGCCCTGAACCTTTGTCCACCATTCCT
TTAAATTCTCCAACCCAAAGTATTCTTTCTTTCTTAGTTTCAGAAGTACTGGCATCACAC
GCAGGTTACCTTGGCGTGTGCTCCCTGTGGTACCCTGGCAAGAGAGACCAAGCTTGT
CCCTGCTGGCCAAAGTCAGTAGGAGAGGATGCACAGTTTGTCTATTGTCTTTAGAGACAGG
GACTGTATAAACCAAGCCTAACATTGGTGCAAGATTGCTCTTGAACCAAAAAAAAAA

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FIGURE 3 (2)

GGTTTCTGGCTAGGAGAGCAGCTGGTGTGCTGGCAAGCAGGCACCACCCCTTGGAACTT
G F W L G E Q L V C W Q A G T T P W N I
TTCCCAGTCATCTCACTCTACCTAATGGGTGAGGTTACCAACCAGTCCTTCGGCATCACC
F P V I S L Y L M G E V T N Q S F R I T
ATCCTTCCGCAGCAATACCTGCGGCCAGTGGAAGATGTGGCCACGTCCEAAGACGACTGT
I L P Q Q Y L R P V E D V A T S Q D D C
TACAAGTTTGCCATCTCACAGTCATCCACGGGCACTGTTATGGGAGCTGTTATCATGGAG
Y K F A I S Q S S T G T V M G A V I M E
GGCTTCTACGTTGTCTTTGATCGGGCCCGAAAACGAATTGGCTTTGCTGTCTAGCGCTTGC
G F Y V V F D R A R K R I G F A V S A C
CATGTGCACGATGAGTTGAGGACGGCAGCGGTGGAAGGCCCTTTTGTACCTTGGACATG
H V H D E F R T A A V E G P F V T L D M
GAAGACTGTGGCTACAACATTCCACAGACAGATGAGTCAACCCTCATGACCATAGCCTAT
E D C G Y N I P Q T D E S T L M T I A Y
GTCATGGCTGCCATCTGCGCCCTCTTCATGCTGCCACTCTGCCCTCATGGTGTGTGAGTGG
V M A A I C A L F M L P L C L M V C Q W
CGCTGCCTCCGCTGCTGCGCCAGCAGCATGATGACTTTGCTGATGACATCTCCCTGCTG
R C L R C L R Q Q H D D F A D D I S L L
AAGTGAGGAGGCCCATGSGCAGAAGATAGAGATTCCCCTGGACCACACCTCCGCTGGTTCA
K
CTTTGGTCACAAGTAGGAGACACAGATGGCACCTGTGGCCAGAGCACCTCAGGACCCCTCC
CCACCCACCAATGCCTCTGCCTTGATGGAGAAGGAAAAGGCTGGCAAGGTGGGTTCCAG
GGACTGTACCTGTAGGAAACAGAAAAGAGAAGAAAGCACTCTGCTGSGCGGAATACT
CTTGGTCACCTCAAATTTAAGTCGGGAAATTCCTGCTGCTTGAACTTCAGCCCTGAACCT
TTGTCCACCATTCCTTTAAATTCTCCAAACCAAGTATTCTTCTTTCTTAGTTTCAGAA
GTACTGGCATCACACGCAGGTTACCTTGGCGTGTGTCCCTGTGGTACCCTGGCAGAGAAG
AGACCAAGCTTGTTCCTGCTGGCCAAAGTCAGTAGGAGAGGATGCACAGTTTGTCTATT
TGCTTTAGAGACAGGGACTGTATAACAAGCCTAACATTGGTGCAAGATTGCCTCTTGA
ATTAAAAAAAAAAAAAAAAAAAAAAAAA

FIGURE 4

ATGGCCCGAGCGCTGCACTGGCTCCTGCTATGGGTGGGCTCGGGAATGCTGCTGCCAG
 M A P A L H W L L L W V G S G M L P A Q
 GGAATCCCATCTCGGCATCCGCTGCCCCCTTCGACGCGGCTGGCAGGGCCACCCCTGGGC
 G T H L G I R L P L R S G L A G P P L C
 CTGAGGCTGCCCCGGAGACTGACGAGGAATCGGAGGAGCCTGGCCGGAGAGGCAGCTTT
 L R L P R E T D E E S E E P G R R G S F
 GTGGAGATGCTGGACAACCTGAGCGGAAAGTCCGGCCAGGCTACTATGTGGAGATGACC
 V E M V D N L R G K S G Q G Y Y V E M T
 CTAGGCGAGCCCCCAGACAGCTCAACATCCTGCTGACACCGGCGAGTAGTAACCTTGCA
 V G S P P Q T L N I L V D T G S S N F A
 GTGGGGCTGCCCCACACCCCTTCTGTCATCGCTACTACAGAGCCAGCTGTCCAGCACA
 V G A A P E P P F L E R Y Y Q R Q L S S T
 TATCGAGACTTCGAAAGGGTGTGTATGTGCCCTACACCCAGGGCAAGTGGAGGGGGAA
 Y R D L R K G V Y V P Y T Q G K W E G E
 CTGGGCACCGACCTGGTGAGCATCCTCATGGCCCCAACGTCACTGTGGCTGCCAACATT
 L G T D L V S I P H G P N V T V R A N I
 GCTGCCATCACTGAATCGGACAAGTCTTTCATCAATGCTTCCAACTGGGAGGGCATCTTA
 A A I T E S D K F F I N G S N W E G C L
 GGCGTGGCTATGCTGAGATGCGAGGCGGACGACTCTTTGGAGCCCTTCTTTGACTCC
 G L A Y A E I A R P D D S L E P F F C S
 CTGGTGAAGCAGACCCCATTTCCAAACATCTTTTCCCTGACGCTCTGTGGCGCTGGCTTC
 L V K Q T H I P N I F S L G L C G A G F
 CCGCTCAACGAGCCGAGGCACTGGCGCTGGTGGAGGAGCATCATTCGTGCTGATC
 P L N Q T E A L A S V G G S M I I G G I
 GACCACTCGCTATACCGGGAGTCTCTGTTACACCCATCCGGCGGAGTGGTATTAT
 D H S L Y T G S L M Y T P I R R E W Y V
 CAAGTGATCATGTAGCTGTGGAAATCAATGCTCAAGATCTCAAGATGAGCTGCAAGGAG
 E V I I V R V E I N G C D L K M D C K E
 TACAACATACGACAAGAGCATTTGGACAGTGGGACCAACAGCTTTCGCTTCCCAAGAAA
 Y N Y D K S I V D S G T T N L R L P K K
 GTATTTGAAGCTGCGCTCAATTCATCAAGGACGCTCTCTGACGGAGAAGTCTCCGGAT
 V F E A A V K S I K A A S S T E K F P D
 GCGTTTCCGTACCGCCACCACTGCTGTGCTGGCAAGCAGGACGACCCCTTGGAAACAT
 G F W L G E Q L V C W Q A G T T P W N I
 TTCCCAATCATTTCATTTCATCTCATGGGTGAAGTCAACCAATAGTCTCTCCGATCACC
 F P V I S L Y L M G E V T N Q S F R I T
 ATCCTTCTCAGCAATACCTACCGCCGGTGGAGGACGTGCCACGCTCCAAGACGACTGT
 I L P Q Q Y L R P V E D V A T S Q D D C
 TACAAGTCCGCTGCTCAGACTCATCCAGGSCACTGTATGGGAGCCGTCAATCAGGAA
 Y K F A V S S S T G T V M S A V I M E
 GGTTCATGCTGCTTTCGATCGAGCCGAAAGCGAATTGCGTTTGTGCTGACGCGCTTGC
 G F Y V V F D R A R K R I G F A V S A C
 CATGTGCACGATGAGTTCAGGACGGCGGAGTGGAGGTCGCTTGTACGGCAGACATG
 H V H D E F R T A A V E G P F V T A D M
 GAAGACTGTGGCTACAACATTCGCCAGACAGATGASTCAACACTTATGACCATAGCCTAT
 E D C G Y N I P Q T D E S T L M T I A Y
 GTCATGCGCGCCATCTGCGCCCTCTTCATGTTGCCACTCTGCTCATGGTATGTCAGTGG
 V H A A I C A L F M L P L C L M V C Q W
 CGCTGCTGCGTGTGCTGCGCCAGCAGCAGTACTTTCGATGACATCTCCTGCTC
 R C L R C L R H Q H D D F A D D I S L L
 AAGTAAAGGAGCTGCTGGGAGATGATGGAGACGCCCCTGGACCACTCTGGGTGCTCC
 K
 CTTTGGTCAATGAGTTGGAGCTATGGATGCTACCTGTGGCCAGAGCAGCTCAGGACCCCT
 CAGCAACCTGCAATGCTTCTGCTGACAGAAACAGAAATCAGGCAAGCTGGATTACA
 GGGCTTGCACCTGTAGGACACAGGAGAGGAGGAGGAGCAGCTTCTGTGGCAGGAAATAT
 CTTTAGGCAACCAAACTTGAATGGAATTTTCTGCTTGAAGCTTCAGCTCAGCCCTGACCCCT
 CTGCCCAGCATCTTTAGAGTCTCCAACTAAAGTATTCCTTATGCTCTCCAGAGTAC
 TGGCGTCATCTCAGGTACCCGCAATGTGTCTCTGTGTTACCTGGCAGAGAAAGGGCC
 AATCTCATTTCTGCTGGCCAAATCAGCAGAGAGAGGTGAAGTTTGGCAGTGTCTTAG
 GTATAGGGAATGCAGACTCAAGCTACACTGCTACAAAGACTGCGCTTTGAGATAAACA
 GAA

[illegible]

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FIGURE 6 (1)

ATGGCTAGCATGACTGGTGGACAGCAAAATGGGTGGCGGATCCACCCAGCAGGSCATCCGG
 M A S M T G G Q Q M G R G S T Q H G I R
 CTGCCCCCTGCCACGCGGCTGGGGGGGCGCCCTTGGGGCTGGGGCTGCCCGGGAGACC
 L P L R S G L G G A P L G L R L P R E T
 GACGAAGAGCCCGAGGAGCCCGGCGGAGGGGCGAGCTTTGTGGAGATGGTGGACAACCTG
 D E E P E E P G R R G S F V E M V D N L
 AGGGGCAASTCGGGGAGGGCTACTACGTGGAGATGACCTGGGGCAGCCCCCGCAGAGC
 R G K S C Q C Y Y V E M T V C S P P Q T
 CTCACATCCTGGTGATACAGGAGCAGTAACCTTGCAGTGGTGGTCCCCCTACCCC
 L N I L V D T G S S N F A V G A A P H P
 TTCCTGCATCGCTACTACAGAGGCGAGCTGTCCAGCACATACCGGGACCTCCGGAAGGGC
 F L H R Y Y Q R Q L S S T Y R D L R K G
 GTGTATGTGCTTACACCCAGCCCACTCGGAAGGGAGCTGGGCAACGACCTGCTAACCC
 V Y V P Y T Q G K W E G E L G T D L V S
 ATCCCCCATGCCCCAACGTCACCTGTGGTGGCAACATTGGTGGCATCAGTAATCAGAC
 I P H G P N V T V R A N I A A I T E S D
 AAGTTCTTCATCAACGGCTCCAACTGGGAAGGCATCTGGGGCTGGCTATGCTGAGATT
 K F F I N G S N W E G I L G L A Y A E I
 GCCAGGCTGACGACTCCCTGGAGCCTTTCTTTGACTCTCTGGTAAAGCAGACCCACGTT
 A R P D D S L E P F F D S L V K Q T H V
 CCCAACCTCTTCTCCCTGCAGCTTTGTGGTGGTGGCTTCCCCCTCAACAGCTGGAAGTG
 P N L F S L Q L C G A G F P L N Q S E V
 CTGGCCTCTGTGGAGGGAGCATGATCATGGAGGTATCGACCACTCGCTGTACACAGSC
 L A S V G G S M I I G G I D H S L Y T G
 AGTCTCTGGTATACACCCATCCGGCGGGAGTGGTATTATGAGGTATCATTTGTGGGGTG
 S L W Y T P I R R E W Y Y E V I I V R V
 GAGATCAATGACAGCATCTGAAAAATGGACTGCAAGGAGTACAACATGACAAGAGCATT
 E I N G Q D L K M D C K E Y N Y D K S I
 CTGGACAGTGGCACCACCAACCTTCCTTGGCCCAAGAAAGTGTGTAAGCTGCACTCAAA
 V D S G I T N L R L P K K V F E A A V R
 TCCATCAAGGCGAGCCTCCTCCACGGAGAAGTTCCCTGATGGTTCTGGCTAGGAGAGCAG
 S I K A A S S T E K F P D G F W L G E Q
 CTGGTGTGCTGSCAAGCAGSCACCACCCCTTGGAAACATTTCCCACTCATCTCACTTAC
 L V C W Q A G T T P W N I F P V I S L Y
 CTAATGGGTGAGGTTACCAACAGTCCCTTCCGATCACCATCCTTCCGAGCAATACCTG
 L M G E V T N Q S F R I T I L P Q Q Y L
 CGGCGAGTGGAAAGATGTGGCCACGTCCCAAGACGACTGTTACAAAGTTGCCATCTCACAG

FIGURE 6 (2)

R P V E D V A T S Q D D C Y R F A I S Q
TCATCCACGGCCACTGTTATCCCACTCTTATCATCCAGGCTTCTACCTTGTCTTCT
S S T G T V M G A V I M E G F Y V V F D
CGGGCCCGAAAAAGAAATGGCTTTGCTGTCAGCGCTTGCCATGTGCACGATGAGTTCAGG
R A R K R I G F A V S A C H V H D E F R
ACGGCAGCGGTGGAAGGCCCTTTGTCACCTTGGACATGGAAGACTGTGGCTACAACATT
T A A V E G P F V T L D M E D C G Y N I
CCACAGACAGATGAGTCAAGA
P Q T D E S *

FIGURE 1 (1)

ATGGCTAGCATGACTGCTGGACAGCAAAATGGCTGGCGATCGATGACTATCTCTGACTCT
 M A S M T G G Q Q M C R C S M T I S D S
 GCGCGTGAACAGGACGGATCCACCCAGCAGCGCATCGGGCTGCCCCCTGCGCAGCGCGCTG
 P R E Q D G S T Q H G I R L P L R S G L
 GCGCGCGCGCGCTGCGCGCTGCGCGCTGCGCGCGAGACCGCAGCAAGACCCCGAGGAGCCG
 G G A P L G L R L P R E T D E E P E E P
 GCGCGGAGGCGCAGCTTTGTCGACATCTCTGACAACTGAGCGCCCAACTCGCGCGCAGGGC
 G H R G S F V E M V D N L R G K S G Q G
 TACTAGCTGGAGATGACCGTGGCGAGCGCCCGCGAGCGCTCAACATCTCTGCTGGATACA
 Y Y V E M T V G S P P Q T L N I L V D T
 GGCAGCAGTAACCTTTGCGAGTGGGTGCTGCCCCCAGCCCTTCTGCTGCTACTACTACAG
 G S S N F A V G A A P H P F L H R Y Y Q
 AGCGAGCTGTCTCAGCATAACCGGACCTCGCGAAGGGCGTGTATGTGCGCTACACCCAG
 R Q L S S T Y R D L R R G V Y V P Y T Q
 GCGAAGTGGGAGGGGAGCTGGGCGCGGACCTGTAAGCATCCCCCATGCGCCCAAGCTC
 G K W E G E L G T D L V S I P H G P N V
 ACTGTGCTGCCAACATTCCTGCCATCACTGAATCAGACAAGTTCTTCATCAACGGCTCC
 T V R A N I A A I T E S D K F F I N G S
 AACTGGGAAGGCATCTGCGGGCTGGCTATGCTGAGATTGCCAGCGCTGAGGACTCCCTG
 N W E G I L G L A Y A E I A R P D D S L
 GAGCGTTCTCTGACTCTCTGCTAAAGCAGACCCAGCTTCCCAACTCTCTCTCTGCGAG
 E P F F D S L V K Q T H V P N L F S L Q
 CTTCTGCTGCTGCGCTTCCCGCTCAACCGAGTCTGAATGCTGGCGCTCTGCTGGAGGAGG
 L C G A G F P L N Q S E V L A S V G G S
 ATGATCATGGAGGTATCGACCACTCGCTGTACACAGGCGAGTCTCTGCTATACCCCATC
 M I I G G I D H S L Y T G S L W Y T P I
 CGCGGGAGTGGTATTATGAGGTCACTATTGTCGGGTGGAGATCAATGGACAGGATCTG
 R R E W Y Y E V I I V R V E I N G Q D L
 AAAATGGACTGCAAGGAGTACAACATATGACAAGAGCATTGTGGACAGTGGCACCCCAAC
 K M D C K E Y N Y D K S I V D S G T T N
 CTTCTGTTGCCCAAGAAAGTCTTTGAAGCTGCGAGTCAAAATCCATCAAGCGAGCCCTCTC
 L R L P K K V F E A A V K S I K A A S S
 ACGGAGAAGTTCCTGATGCTTTCTGGCTAGGAGAGCAGCTGGTGTGCTGGCAAGCAGGC
 T E K F P D C F W L G E Q L V C W Q A G
 ACCACCCCTTGAACATTTTCCCGAGTCATCTCACTTACCTAAATGGGTGAGGTACCAAC
 T T P W N I F P V I S L Y L H G E V T N

FIGURE 7 (2)

CAGTCCTTCGGCATCACCATCCTTCGGCAGCAATACCTGGGGCACTGGGAAGATGTGGCC
Q S F R I T I L P Q Q Y L R P V E D V A
ACGTCCCAAGACGACTGTACAAAGTTTGGCCATCTCAAGTCATCCACGGGCACTGTATG
T S Q D E C Y K F A I S Q S S T G T V M
GGAGCTGTATCATGGAGGGCTTCTACGTTGTCTTATCGGGCCGAAAACGAATTGGC
G A V I M E G F Y V V P D R A R K R I G
TTTGTGTGCAGCGCTTGGCATGTGCACGATGAGTTGAGGACGGCAGCGTGGGAAGGCCCT
F A V S A C H V H D E F R T A A V E G P
TTTGTACCTTGGACATGGAAGACTGTGCGCTACAACTCCACAGACAGATGAGTCATGA
F V T L E M E D C G Y N I P Q T D E S *

1. The first group of people who are not in the labor force are those who are not in the labor force because they are not in the labor force.

1. The first group of people who are not in the labor force are those who are not in the labor force because they are not in the labor force.

FIGURE 9

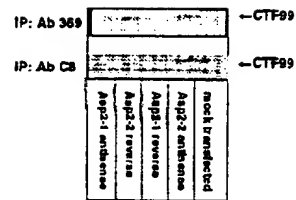


FIGURE 10

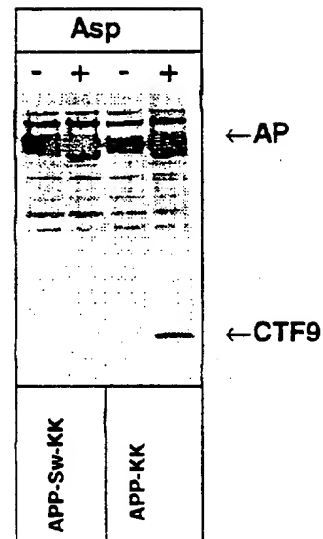


FIGURE 11

MAQALENLLVMGAGVLPAGHTOHGIRLPLRSSGLGGAPLGLRLPRETDEE
PEEPGPRGSFVEMVDNLRKSGQGYVVENTVGSPPQTLNILLVDTGSSNFA
VGAAPHPLHRYYQRLSSTYRDLRKGVVVPYTOGRWEGELGTDLVSIPIH
GPNVTVRANIAAITESDKFFINGSNWEGILGLAYAEIARPDOSLEFFPDS
LVKQTHVPNLFSLQLCGAGFPLNQSEVLASVGGSMIIGGIDHSLYTGSLW
YTPIPREWYYEVIIVRVEINGQDLKMDCKEYNYDKSTVDSGTTNLRPLPKK
VFEAAVKSIIKAASSTEKFPDGFWLGEQLVCWQAGTTPWNIFPVISLYLMG
EVTNQSFRTILPQQYLRPVEDVATSQDDCYKFAISQSSTGTVMGAVIME
GFYVVFDRARKRIGFAVSACHVHDEFRTAAVEGPFVTLDMEDCGYNIPQT
DES

FIGURE 12

MAQALPALLLMGAGYLPANGTQHGIRLPLRSGLGAPLGLRLPRETDEE
PEEPGRRGSFVEMVDNLRGKSGQGYVEMTVGSPPTLNILVDTGSSNFA
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GPNVTVRANIAAITESDKFFINSSNWEGILGLAYAEIARPDSDSLEPFFDS
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VFEEAVKSIKAASSTEKFPDGFWLGEQLVCWQAGTTPWNI F PVISLYLMG
EVTNQSFRTITLPQQYLRPFVEDVATSQDDCYKPAISQSSTGTVMGAVIME
GFIYVFDRAKRIGFAVSACHVHDEFRTAAVEGPFVTLDMEDCGYNIPQ
DESHHHHHH